

Title (en)

BLOOD PROCESSING CHAMBER COUNTER-BALANCED WITH BLOOD-FREE LIQUID

Title (de)

GEWICHTSAUSGLEICH FÜR BLUTBEHANDLUNGSKAMMER MIT HILFE EINER BLUTFREIEN FLÜSSIGKEIT

Title (fr)

CHAMBRE DE TRAITEMENT DE SANG CONTRE-BALANCEE PAR UN LIQUIDE EXEMPT DE SANG

Publication

EP 1007183 A4 20011128 (EN)

Application

EP 98931452 A 19980622

Priority

- US 9812925 W 19980622
- US 88617997 A 19970701

Abstract (en)

[origin: WO9901198A1] Blood processing systems and methods are disclosed. A processing chamber (14) rotating on a rotating element includes a first compartment (38) and a second compartment (40). Blood is conveyed into the first compartment (38) for centrifugal separation into components. A liquid free of blood occupies the second compartment (40) to counter-balance the first compartment (38) during rotation on the rotating element. In one embodiment, the second compartment (40) is served by a single fluid access. Prior to use, the single access is coupled to tubing, through which a vacuum is drawn to remove air from the second compartment (40). While vacuum exists, communication is opened between the tubing and a source of liquid. The vacuum draws the liquid into the second compartment (40) through the single access, thereby priming the second compartment (40) for use.

IPC 1-7

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IPC 8 full level

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CPC (source: EP US)

A61M 1/362227 (2022.05 - EP US); **A61M 1/36225** (2022.05 - EP US); **A61M 1/362261** (2022.05 - EP US); **A61M 1/362265** (2022.05 - EP US); **A61M 1/362266** (2022.05 - EP US); **A61M 1/3693** (2013.01 - EP US); **A61M 1/3696** (2014.02 - EP US); **B01D 21/262** (2013.01 - EP US); **B01D 21/32** (2013.01 - EP US); **B01D 21/34** (2013.01 - EP US); **B04B 9/14** (2013.01 - EP US); **B01D 2221/10** (2013.01 - EP US); **B04B 2005/045** (2013.01 - EP US); **B04B 2009/143** (2013.01 - EP US)

Citation (search report)

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DOCDB simple family (application)

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